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(54) **Nozzle blade airfoil profile for a turbine**

(57) First stage stator vanes for a turbine comprised airfoil profile substantially in accordance with Cartesian coordinate values of X, Y and Z set forth in inches in Table I, which define a plurality of radially spaced profile sections forming the nominal profile. The Z coordinate values for each profile section are radial distances from the turbine axis to a portion of the surface of revolution about the axis containing the profile section. The X and Y values for each profile section are coordinate values which, when connected by smooth continuing arcs define the airfoil profile section along the surface of revolution portion. The radially spaced profile sections are joined smoothly with one another to form the nominal airfoil profile.

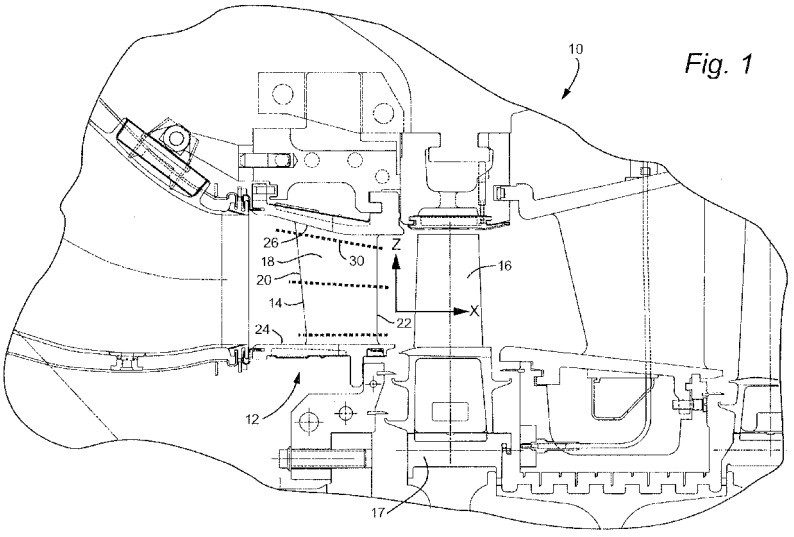

Fig. 1

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EUROPEAN SEARCH REPORT

Application Number
EP 07 10 1176

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The present search report has been drawn up for all claims

Place of search	Date of completion of the search	Examiner
The Hague	13 July 2011	Burattini, Paolo

CATEGORY OF CITED DOCUMENTS

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13-07-2011

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